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Page 42ROCKET ENGINE TEST FACILITY

KRASNOYARSK, USSR

1. SIGNIFICANCE:

TWO TEST POSITIONS CAN NOW BE IDENTIFIED AT THE LARGE TEST STAND NO. 1, AND THE SMALL TEST STAND (NO. 2) APPEARS TO BE NEARING COMPLETION. THIS INSTALLATION HAS BEEN EVALUATED AS AN ENGINE DEVELOPMENT FACILITY.

2. REMARKS:

TEST STAND NO. 1 IS SIMILAR IN SIZE AND CONFIGURATION TO THE LARGE TEST STANDS AT THE PERM, OMSK, AND KURUMOKH ROCKET ENGINE TEST FACILITIES. THIS IS THE FIRST INDICATION THAT THIS TYPE TEST STAND HAS MORE THAN ONE FIRING POSITION. ENGINEERING ANALYSIS BY SPACE TECHNOLOGY LABORATORIES (STL) OF THIS TYPE OF STAND INDICATES THAT IT IS CAPABLE OF TESTING AN ENGINE IN THE ONE MILLION POUNDS THRUST CLASS IN THE SINGLE POSITION MODE. TEST ACTIVITY HAS BEEN OBSERVED AT STAND NO. 1 SINCE [REDACTED]

3. LOCATION:

20 NM EAST NORTHEAST OF KRASNOYARSK.

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4. COMINT/COLLATERAL: NONE.

5. IDENTIFICATION:

6. NEGATION DATE:

REVEALED SCARRING ACTIVITY

IN THE AREA OF WHAT IS NOW THE TEST FACILITY. THIS WAS POSSIBLY THE EARLY STAGES OF CONSTRUCTION. TEST STAND NO. 2 HAS BEEN OBSERVED UNDER CONSTRUCTION SINCE EARLY 1964.

7. SUBSEQUENT COVERAGE: 27 KH-4 AND 2 KH-7

8. DIMENSIONS/
SPECIFICATIONS:

TEST STAND NO. 1 - 80 X 75 X 135 FT HIGH.

PROJECTING STRUCTURE [] FT HIGH.

TEST STAND NO. 2 - APPROX 50 FT HIGH, NO OTHER DIMENSIONS BUT HAS A PROJECTING STRUCTURE SIMILAR TO TEST STAND NO. 1.

THE TEST FACILITY CONTAINS 37 BUILDINGS AND STRUCTURES WITH A TOTAL FLOORSPACE OF APPROXIMATELY 314,600 SQ. FT.

THE ASSOCIATED ENGINEERING SUPPORT AND HOUSING AREAS (NOT SHOWN ON GRAPHIC) CONTAIN APPROXIMATELY 800,000 SQ. FT OF FLOORSPACE.

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9. MISSION READOUT: THIS MISSION REVEALS THAT TEST STAND NO. 1 IS PROBABLY A TWO-POSITION FACILITY. THE SECOND TEST STAND, WHICH APPEARS TO BE NEARLY COMPLETE, IS A TWO-LEVEL STEPPED STRUCTURE WITH THE LOWER LEVEL BEING AT LEAST AS WIDE AS THE HIGHER SECTION AND INTEGRAL WITH IT. FOUR CONTROL, OBSERVATION, OR SERVICE STRUCTURES CAN BE SEEN IN THE VICINITY OF THE NEW STAND. A SMALL HEAVILY REVETTED STRUCTURE CAN BE SEEN IN THE NORTHWEST CORNER OF THE TEST FACILITY AREA. CONSIDERABLE NEW DETAIL RELATIVE TO THE TEST STANDS AND OTHER STRUCTURES IS NOW EVIDENT. THE BLACKENED APPEARANCE OF THE FLAME DEFLECTOR AT THE BASE OF THE ORIGINAL VERTICAL TEST STAND MAY INDICATE THAT A TEST HAD RECENTLY TAKEN PLACE. THERE DOES NOT APPEAR TO HAVE BEEN A TEST RECENTLY AT THE NEW VERTICAL TEST STAND.

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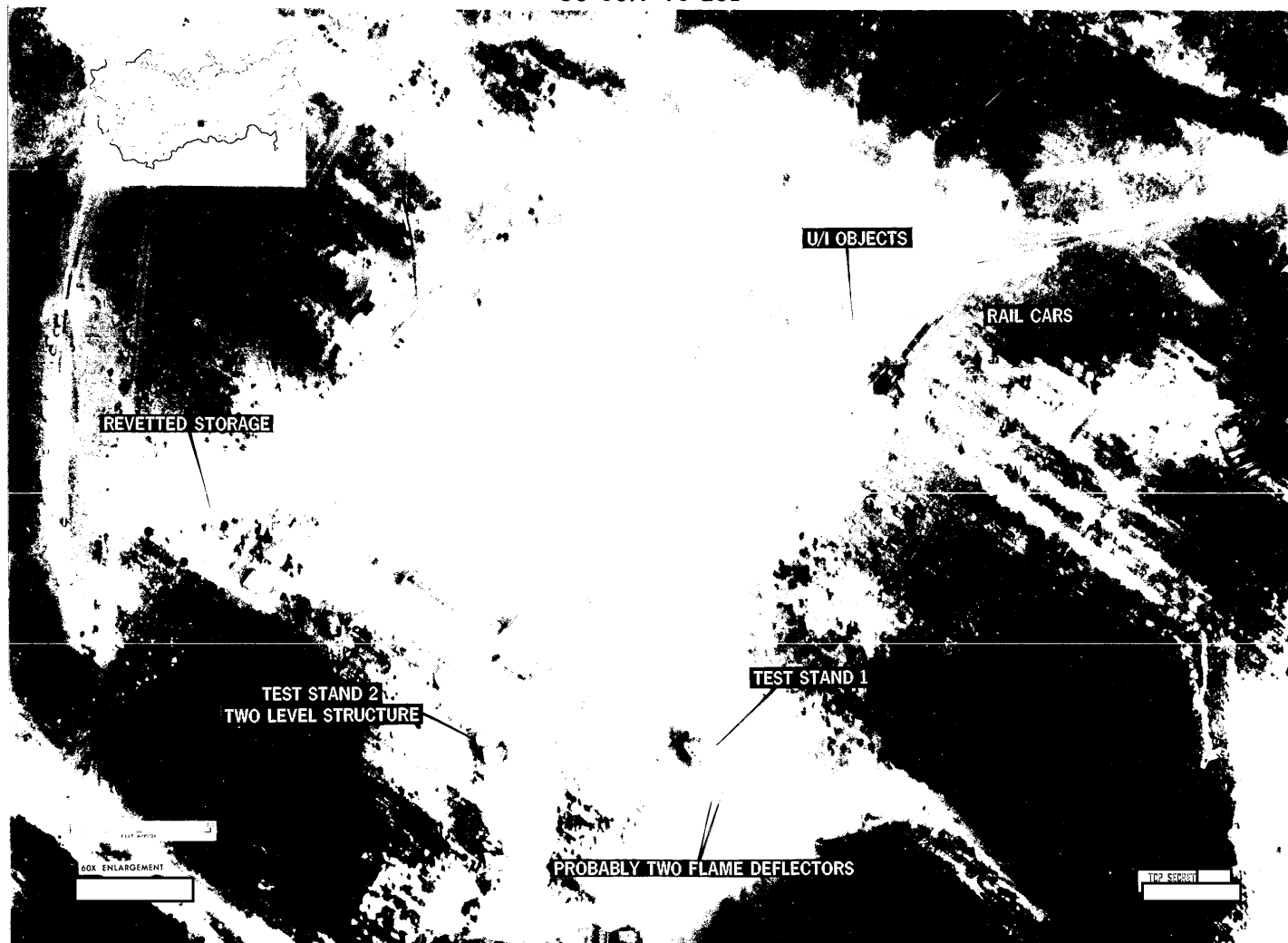
KRASNOYARSK, USSR

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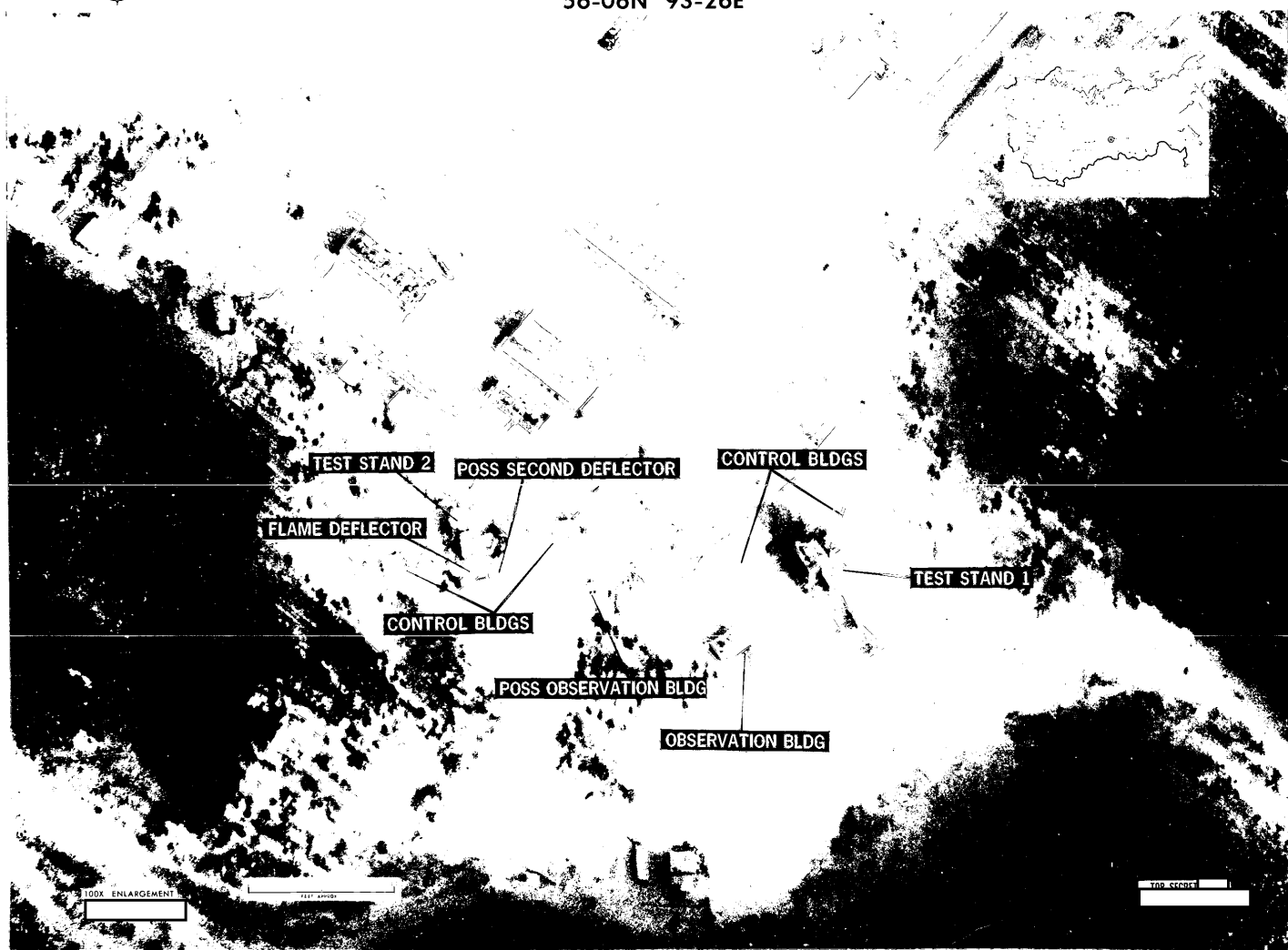
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TEST STANDS
ROCKET ENGINE TEST FACILITY
KRASNOYARSK, USSR
56-06N 93-26E

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TEST STAND

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